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10/7/19518



Our File No. 9281-4708  
Client Reference No. S US02242

### PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Talguk Kim and Masaya Yamaguchi for Circuit Connection Restoration Method And Program For Restoring Connection In Short Time.

Enclosed are:

- ☐ Preliminary Amendment
- ☒ 37 pages of application (including title page and Abstract), 5 sheets of formal drawings and the following Appendices: n/a
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- ☒ Submission of Certified Copy of Priority Document and certified copy of Japanese Application No(s). 2002-347361
- ☒ Information Disclosure Statement, PTO-1449, and reference

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	22 -20	2
Indep. Claims	6 -3	3
Multiple Dependent Claims Present		

\*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
	\$ 385
x\$9=	\$
x\$43=	\$
+\$145=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 770
2 x\$18=	\$ 36
6 x\$86=	\$ 516
+\$290=	\$
Total	\$1322

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$1322 to cover the filing fee is enclosed.
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  - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date

11/21/03

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